

ELECTRODES ISOCARB GRAPHITES

Meeting all your Graphite needs with regard to Detail, Wear Resistance, Surface Finish and Cost!

GRAPHITE SELECTION CHART



I-82

Bulk Density: 1.84 kg/dm³
Grain Size: < 4 micron
Flexural Strength: 13,300 psi
Shore Hardness: 70

Low wear with excellent finish. Excellent machinability.
Great for use in fine detail electrodes.



I-70

Bulk Density: 1.77 kg/dm³
Grain Size: 7 micron
Flexural Strength: 8,850 psi
Shore Hardness: 62

Low wear, good metal removal rate and machinability.
Very good surface finish.

I-67

Bulk Density: 1.81 kg/dm³
Grain Size: 10 micron
Flexural Strength: 8,000 psi
Shore Hardness: 64

Outstanding general purpose graphite. Quality metal removal, wear resistance and surface finish.

I-65

Bulk Density: 1.81 kg/dm³
Grain Size: 11 micron
Flexural Strength: 7,600 psi
Shore Hardness: 62

Outstanding general purpose graphite. Quality metal removal, wear resistance and surface finish.

I-62

Bulk Density: 1.78 kg/dm³
Grain Size: 13 micron
Flexural Strength: 6,350 psi
Shore Hardness: 57

Great material for jobs requiring medium finish and high metal removal rates.

I-60C

Bulk Density: 3.00 kg/dm³
Grain Size: 5 micron
Flexural Strength: 13,000 psi
Shore Hardness: 67

High density graphite infiltrated with copper for jobs requiring good wear resistance and an excellent surface finish.

